

08-21-00

DOCKET NO. 76/60851 (1-11027-849)  
EXPRESS MAIL NO.: EL709322109US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL FORM  
(only for new nonprovisional applications under 37 CFR 1.53(b))

ASSISTANT COMMISSIONER FOR PATENTS

Washington, D.C. 20231

BOX: PATENT APPLICATION

SIR:

Transmitted herewith for filing is the patent application (including Specification, Claims, and Abstract, 55 pages) of:

Inventors : **Barry G. Hall**For : **METHOD OF DETERMINING EVOLUTIONARY POTENTIAL OF MUTANT RESISTANCE GENES AND USE THEREOF TO SCREEN FOR DRUG EFFICACY***\*\*If a CONTINUING APPLICATION, please mark where appropriate and supply the requisite information below and in a preliminary amendment:*☐ continuation ☐ divisional ☐ Continuation-In-Part (CIP)  
of prior application Serial No. \_\_\_\_\_Prior application information: Examiner :  
Art Unit :

Enclosed are:

- ☒ 15 sheets of informal drawings.
- ☐ **Signed** Combined Declaration and Power of Attorney (\_\_\_\_ pages).
- ☐ **Copy** of **signed** Combined Declaration and Power of Attorney (\_\_\_\_ pages) from a prior application (1.63(d) (for continuation/divisional).
- ☐ **Signed** statement deleting inventor(s) named in prior application (\_\_\_\_ pages) (1.63(d)(2) and 1.33(b)).
- ☐ **Incorporation By Reference:** The entire disclosure of the prior application, from which a **copy** of the oath or declaration is supplied herewith, is considered as being part of the disclosure of the enclosed application and is hereby incorporated by reference therein.
- ☐ Assignment (\_\_\_\_ pages) of the invention to \_\_\_\_\_.
- ☐ Assignment Transmittal Letter.
- ☐ Certified copy of a foreign priority document.
- ☐ Associate power of attorney.

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jc864 U.S. PTO  
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- ☐ Verified statement to establish small entity status (\_\_\_\_ pages) (newly signed or copy filed in prior application).
- ☐ Preliminary Amendment (\_\_\_\_ pages).
- ☐ Information Disclosure Statement, form PTO-1449 (\_\_\_\_ pages) and \_\_\_\_ references.
- ☒ **UNSIGNED** Combined Declaration and Power of Attorney (2 pages).
- ☒ Sequence Listing (18 pages).
- ☒ Statement in Accordance with 37 CFR § 1.821(f) and computer readable 3.5" Diskette.
- ☒ A self-addressed, prepaid postcard acknowledging receipt.

The Filing fee has been calculated as shown below:

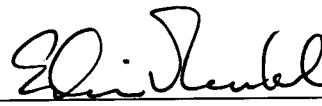
(Col. 1)		(Col. 2)	SMALL ENTITY			LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE	XXXXXXXX	XXXXXXXX	XXXX	\$345	OR	XXXX	\$690
TOTAL CLAIMS	63 - 20 =	43	x 9 =	\$387	OR	x 18 =	\$
INDEP CLAIMS	6 - 3 =	3	x 39 =	\$117	OR	x 78 =	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			x 130 =	\$	OR	x 260 =	\$
			TOTAL	\$849	OR	TOTAL	\$

\*If the Total Claims are less than 20 and Indep. Claims are less than 3, enter "0" in Col. 2

- ☒ A check in the amount of **\$849.00** to cover the filing fee is enclosed.
- ☒ Address all future communications to:

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**EXPRESS MAIL CERTIFICATE**

DOCKET NO. : 176/60851 (1-11027-849)  
APPLICANT : Barry G. Hall  
TITLE : METHOD OF DETERMINING EVOLUTIONARY POTENTIAL  
OF MUTANT RESISTANCE GENES AND USE THEREOF TO  
SCREEN FOR DRUG EFFICACY

Certificate is attached to the **Patent Application Including Specification, Claims, and Abstract (55 pages), Unsigned Combined Declaration and Power of Attorney (2 pages), and Sequence Listing (18 pages)** of the above-named application.

"EXPRESS MAIL" NUMBER: EL709322109US  
DATE OF DEPOSIT: August 18, 2000

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, **Box: Patent Application.**

**Sherri A. Moscato**

(Typed or printed name of person mailing  
paper or fee)

*Sherri A Moscato*

(Signature of person mailing paper or fee)